FIG. 10

```
1001-done: = false
                                                  - 1000
1002-while not done do{
1003- done: = true;
1004-
       BestImprovement: = 0;
       for each Lvi from LVisit do {
1005-
1006-
            [NewState, improvement]: = MoveUp(Lvi, CurrentState);
1007-
            if improvement > BestImprovement then {
1008-
        BestState: = NewState;
              BestImprovement: = improvement;
1009-
              done: = false;
1010-
        }
       }
1011- if not done then {
1012-
             CurrentState; = BestState;
      }
     }
```